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ACB 133/63
16 June 1963
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MEMORANDUM FOR: Chief, Atomic/Biological/Chemical Division, OSI

ATTENTION: [REDACTED]

FROM: Chief, CIA/PID(NPIC)

SUBJECT: Possible Power Reactor, An-Shan, China

REFERENCE: Requirement No. OSI/R-203/63
CIA Project No. C 774-63

1. The facility located at coordinates 41-09N 122-57E (2.5 nautical miles (nm) NW of An-Shan), which has been identified [REDACTED] as a possible nuclear power reactor, was located and studied in detail.

2. Analysis reveals this facility was built in the early 1940's to serve as the main transformer station for the An-Shan steel complex, and presently performs the same function. Although the original layout of the station has changed somewhat during the 20-odd years of its existence, there is no evidence of a nuclear power reactor at this site.

3. Photography [REDACTED] proves the 1770' x 1035' rectangular secured area existed at this time. The security consists of a raised earthen embankment topped by a fence surrounding the area, with guard towers atop the embankment at each of the four corners. A partially filled moat surrounds the embankment. The 50-foot high cooling tower (reportedly used for cooling the water which cooled the air which in turn cooled the rotary condensers) was present at this time. Some possible barracks-type housing units were located near the main entrance.

4. [REDACTED] photography [REDACTED] shows the same security is present around this facility. The cooling tower still exists, but the main building appears to have been modified or replaced by a larger building [REDACTED] having a high middle bay measuring [REDACTED]. A small 25X1 stack 50' high is located alongside the main building. Numerous small buildings have been built within the installation, including 9 barracks-type housing units in the eastern corner of the yard. Six more housing units of the same type are located just outside the earthen embankment and moat. A road over the moat and embankment connects this housing with the installation. A rail spur has been built from the rail line north of An-Shan to the installation. The same features are noted in detail on [REDACTED]

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Page 2

25X1
25X1
25X1

5. [redacted] indicates several changes within the installation since [redacted]. A new small building has been built near the pumphouse. One housing unit has been removed, and a new structure [redacted] has been built in the same location. A new groundscar runs from the area of the pumphouse to this new structure, then onward to the main building, and possibly on from the main building to the pumphouse area. This probably indicates some kind of water circulation system has been added for cooling new equipment. There is no evidence of increased security.

6. The following photography, maps, and collateral were utilized in work performed on this project:



25X1

Maps

USATC Series 200, 0289-20A, Scale 1:200,000, June 1959, SECRET.

USATCM Series 25, 0289-09999-3 thru 4-25MA, Scale 1:25,000, Jan 53, SECRET.

Collateral

500th Mil. Intell. Group, RINJ Rpt. 603, 20 Jul 55, Section B: Information on Electric Power in the Northeast China Area, SECRET, Special Handling Noform.

6004 Air Intell. Su. Sq. Wringer Rpt. 5755-C, 1 June 46: Primary Power Substation in An-Shan, CONFIDENTIAL.

Air Intell. Info Rpt. Wringer 6219 Jul 46, Point 9: An-Shan Electric Power Substation, CONFIDENTIAL.

7. The photo analyst on this project is [redacted] who may be contacted on extension [redacted] should you have further questions regarding this project.

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